TEACHERS COLLEGE RECORD

A Journal Devoted to the Practical Problems of Elementary and Secondary Education and the Professional Training of Teachers

VOLUME XV—1914

PUBLISHED BY
Teachers College, Columbia University
NEW YORK CITY

EDITOR

JAMES E. RUSSELL

DIRECTORS

RICHARD E. DODGE
EDWARD L. THORNDIKE
CHARLES T. McFARLANE
CLIFFORD B. UPTON
GONZALEZ LODGE
HENRY JOHNSON

CONTENTS

Number 1—JANUARY, 1914

PAGE

Experimental Studies in Kindergarten Theory and Practice. Edited by PATTY SMITH HILL.

Introduction.....Patty Smith Hill 1
Reasoning in Early Childhood.....John Dewey 9
Development of Reasoning in Young Children..Meredith Smith 16
Play Motive and Experimental Method in Kindergarten Occupations.....Grace L. Brown 26
Use of Materials in the Kindergarten.....Julia W. Abbot 38
Principles Underlying the Organization of Kindergarten Materials.....Luella A. Palmer 49
The Gifts.....Luella A. Palmer 61

Number 2—MARCH, 1914

Geography in Normal and Secondary Schools. Papers by RICHARD ELWOOD DODGE and CLARA BARBARA KIRCHWEY.

A Study of Geography in Normal Schools.Richard Elwood Dodge 1
Tendencies in Secondary School Geography.....
Richard Elwood Dodge 13
A Half-Year Course in the Elements of Physical Geography and Its Applications.....Richard Elwood Dodge 25
Regional Geography in Secondary Schools.Richard Elwood Dodge 30
Economic Geography of the United States.....
Clara Barbara Kirchwey 59

Number 3—MAY, 1914

PAGE

Open-Air Schools. By SIEGRIED MAIA HANSEN UPTON.

I. Introduction 1
II. Historical Sketch 5
General 5
The Charlottenburg School 6
Open-Air Schools in Italy 19
The Horace Mann School 11
III. Organization of Typical Open-Air Schools, including Observations Based on Personal Visits 13
IV. Open Window Rooms 35
Special Points noted when Visiting Open-Window Classes 36
V. Points in Controversy Concerning Open-Air Schools 39
VI. Suggested Experiments for Modification of Indoor Methods to Suit Outdoor Conditions 43
VII. Some Tests for Determining the Efficiency of the Methods of Open-Air Schools 47
Physical Tests 47
Tests Relative to Conduct 49
Mental Tests Afforded by School Records 49
Mental Tests Suggested by Psychologists 50
VIII. Special Tests for Third Grade Pupils 52
Some Third Grade Tests Presented in Detail 54
IX. Bibliography 60

Number 4—SEPTEMBER, 1914

The Measurement of Ability in Reading: Preliminary Scales and Tests. By EDWARD L. THORNDIKE.

Introduction 1
Scale A for Visual Vocabulary 2
Administration of Scale A for Visual Vocabulary 13
Limitations and Defects of Scale A 19
Some Special Advantages of Scale A 21
The Derivation of Scale A 22
Means of Improving the Scale 26
A Scale for Measuring the Understanding of Sentences and Paragraphs 32
Scale Alpha for Measuring the Understanding of Sentences 44
Limitations of Scale Alpha 57
Extension and Improvement of Scale Alpha 60
A Provisional Scale for Measuring Ability to Pronounce English Sentences 67
The Gray Tentative Scale 67

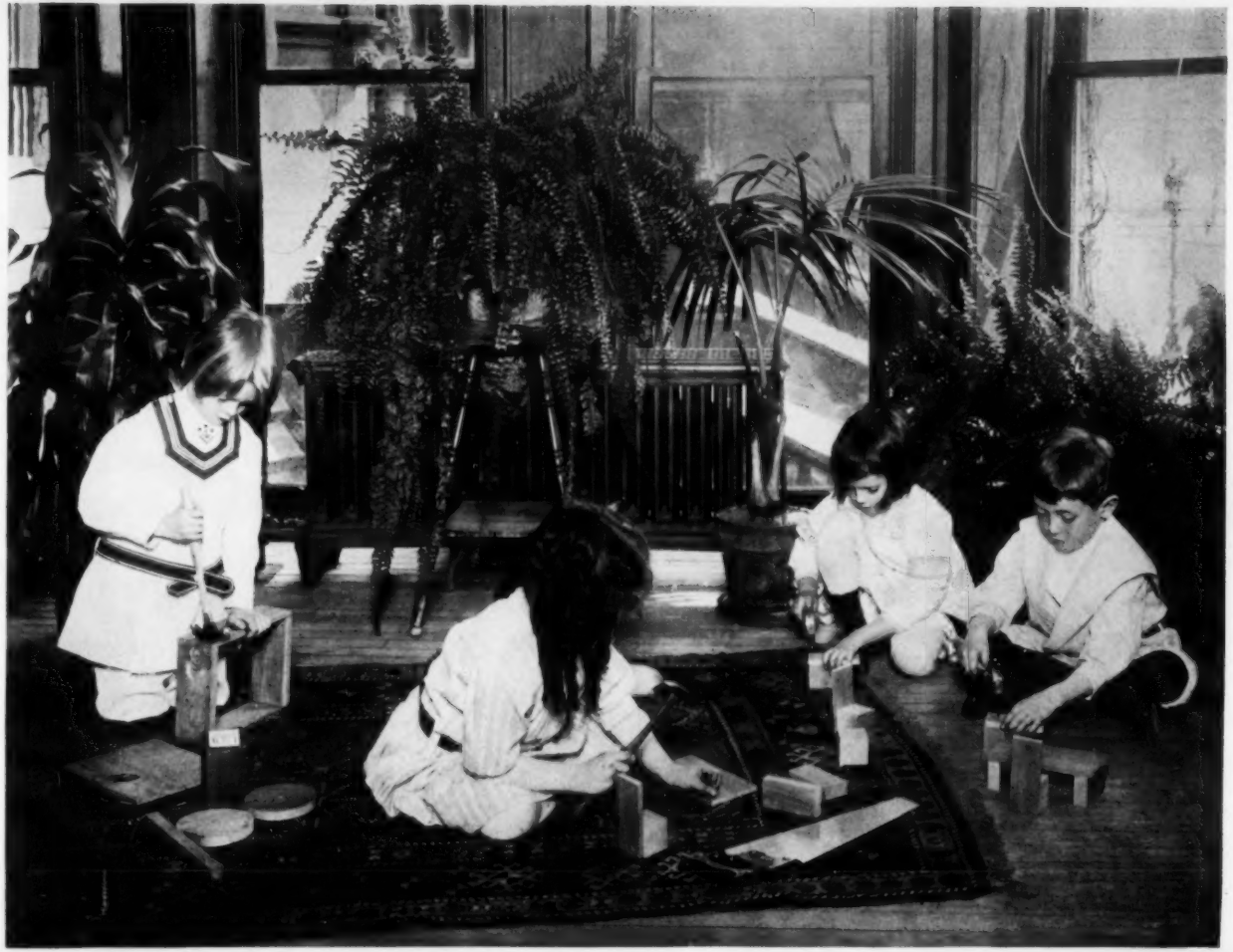
279882

Number 5—NOVEMBER, 1914

PAGE

Teachers' Estimates of the Quality of Specimens of Handwriting.
EDWARD L. THORNDIKE.
Purpose of the Monograph..... 1
Problem I 3
Problem II 5
Problem III 6
Problem IV 7
Problem V 8
Problem VI 9
Supplements A, B, C, D.

UNIV. OF WICH.



MAKING A CART AND FURNITURE FOR THE KINDERGARTEN DOLL

EXPERIMENTAL STUDIES IN KINDERGARTEN THEORY AND PRACTICE

Edited by
PATTY SMITH HILL
Director of Department of Kindergarten Education
Teachers College, Columbia University

PUBLISHED BY
Teachers College, Columbia University
NEW YORK CITY
1914

MAKING A CART AND FURNITURE FOR THE KINDERGARTEN DOLL

CONTENTS

		PAGE
INTRODUCTION	*Patty Hill Smith*	1
REASONING IN EARLY CHILDHOOD	*John Dewey*	9
DEVELOPMENT OF REASONING IN YOUNG CHILDREN	*Meredith Smith*	16
PLAY MOTIVE AND EXPERIMENTAL METHOD IN KINDERGARTEN OCCUPATIONS	*Grace L. Brown*	26
USE OF MATERIALS IN THE KINDERGARTEN	*Julia W. Abbot*	38
PRINCIPLES UNDERLYING THE ORGANIZATION OF KINDERGARTEN MATERIALS	*Luella A. Palmer*	49
THE GIFTS	*Luella A. Palmer*	61